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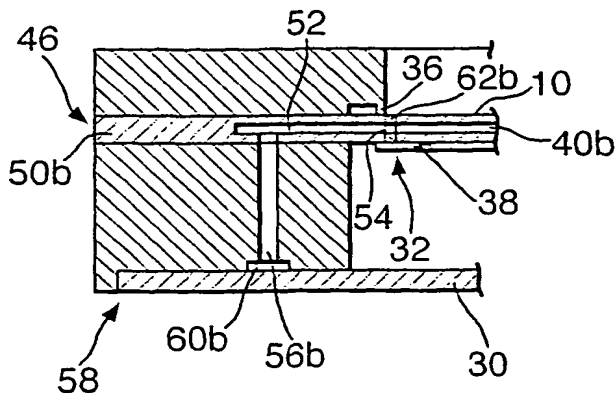
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(54) Title: DEFORMABLE-MIRROR COOLING



(57) Abstract: This invention relates to a cooled deformable-mirror and its mount. A deformable mirror is provided comprising a reflective element provided on a substrate that is secured to a deformable element, wherein the substrate comprises at least one channel having a pair of ports both located around the peripheral edge of the substrate. In addition, a deformable-mirror mount and the deformable mirror described above are provided, wherein the mount has a body with a central aperture defined by a supporting surface sized and shaped to support the mirror when installed, and wherein the mount is provided with at least a pair of channels that terminate to face the ports in the mirror when the mirror is installed, the channels of the mirror and the mount being connected via flexible seals.

WO 2004/057406 A2